

FIG. 1

FIG. 2

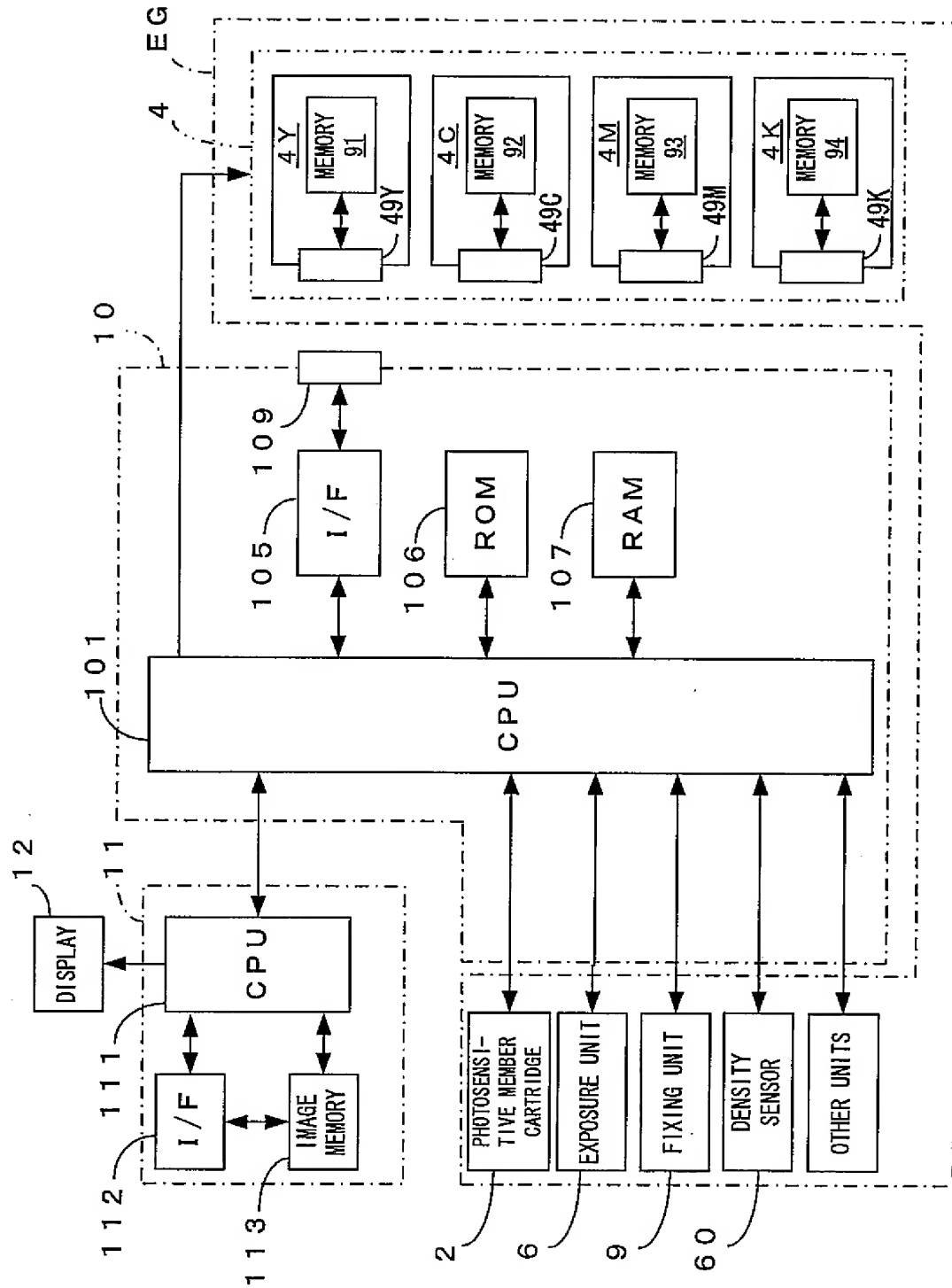
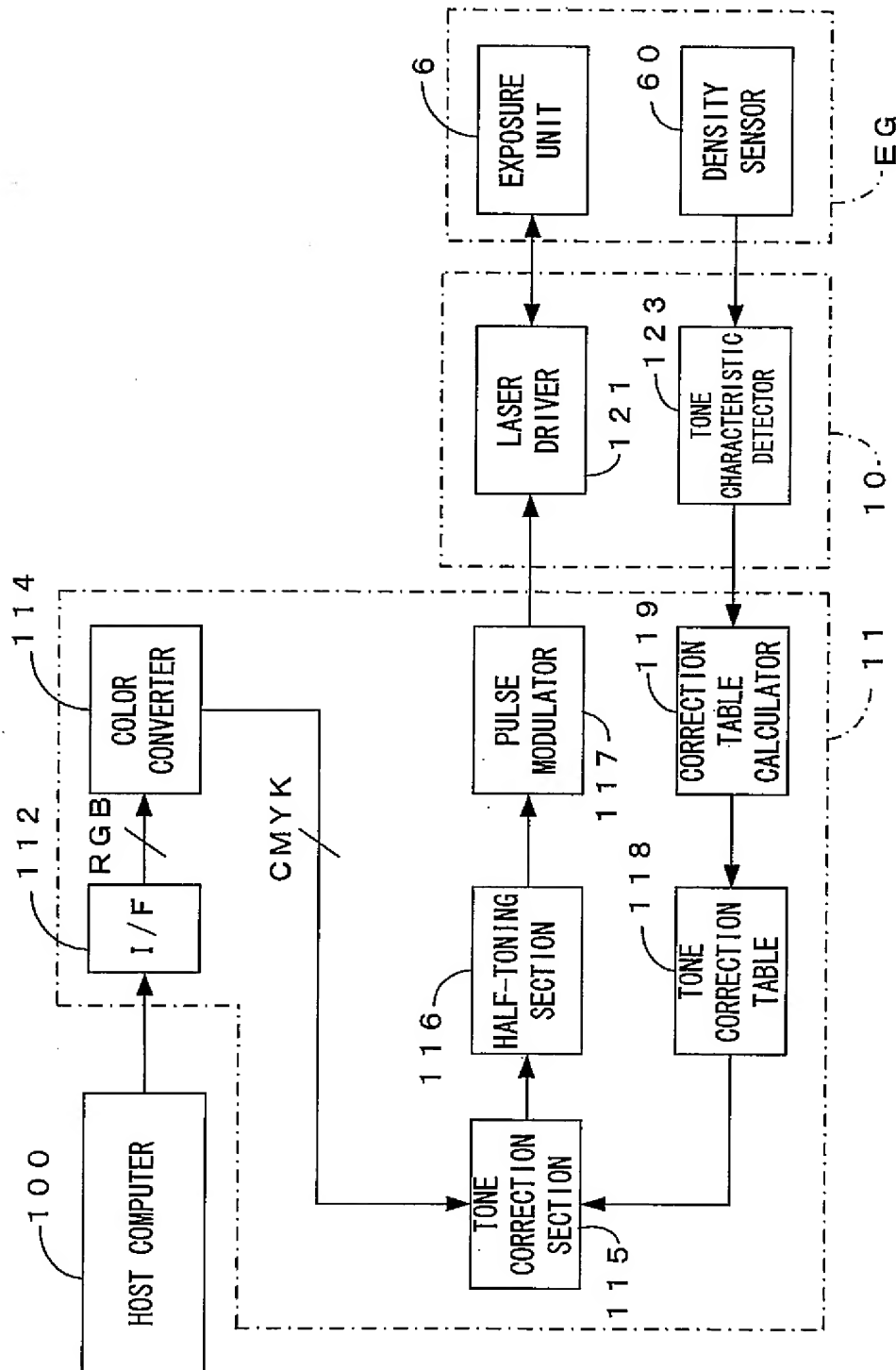


FIG. 3



F I G. 4

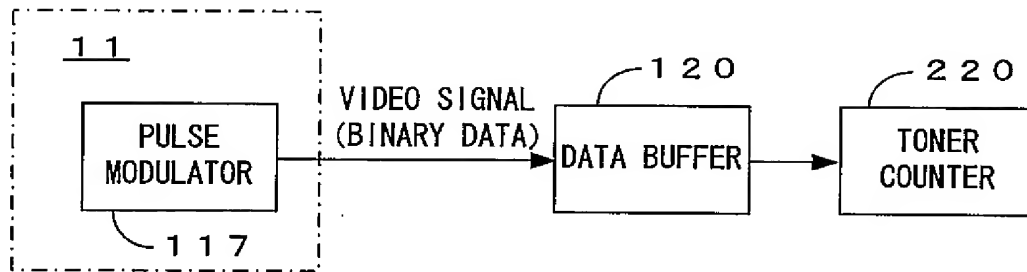


FIG. 5

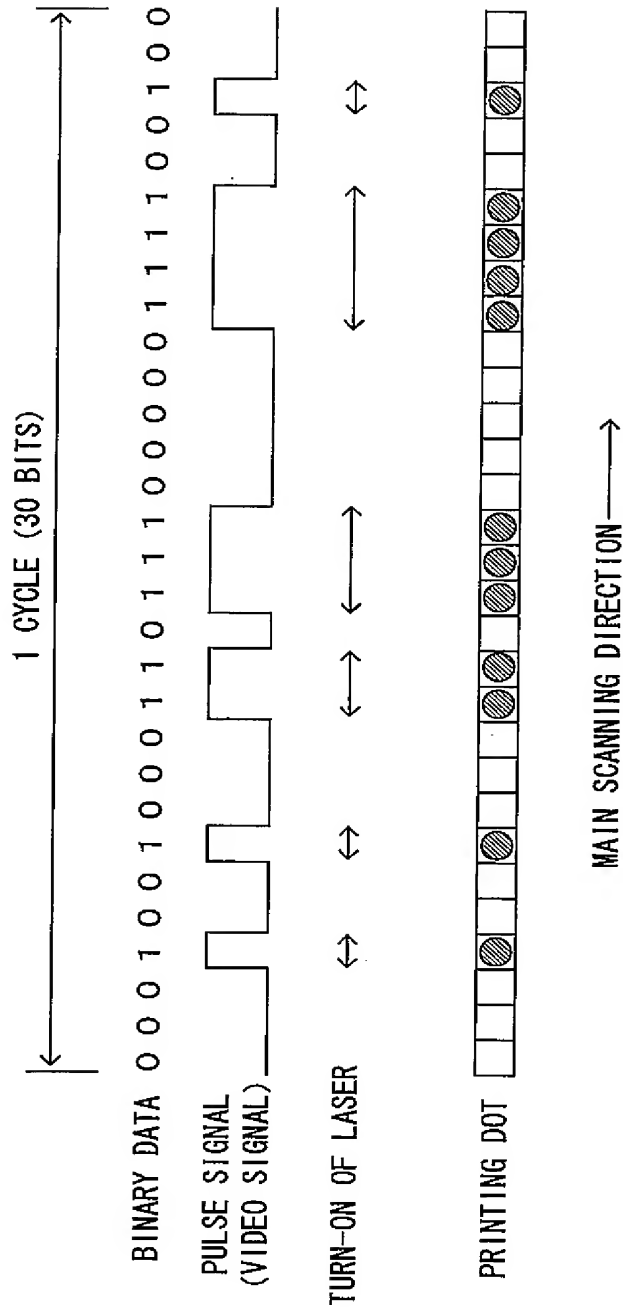


FIG. 6

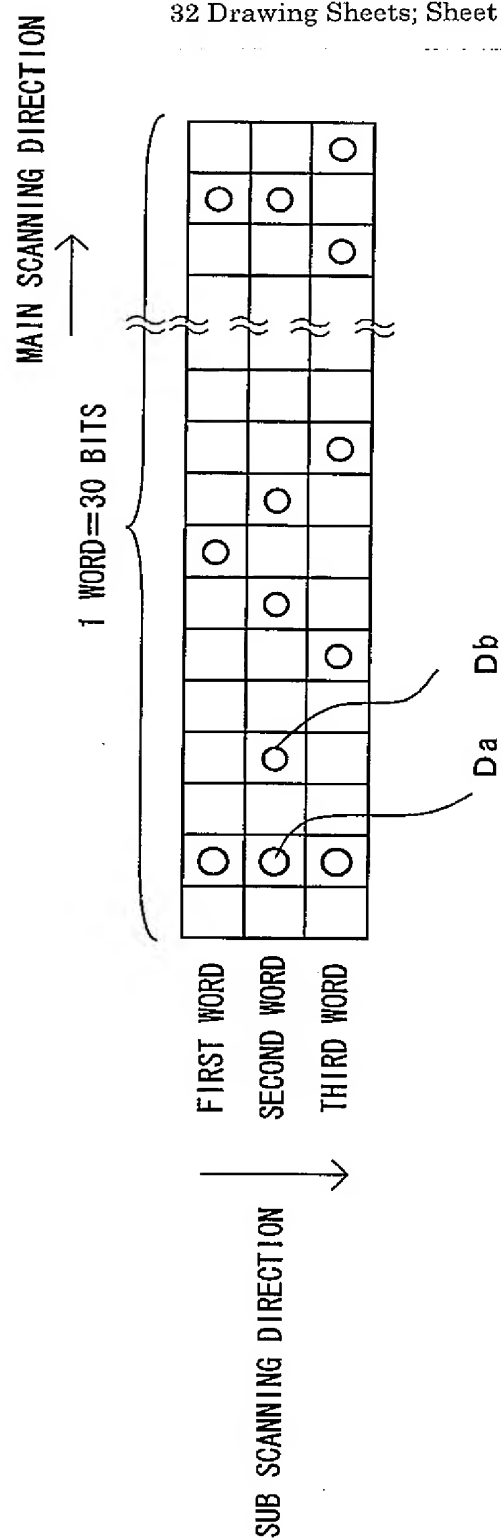
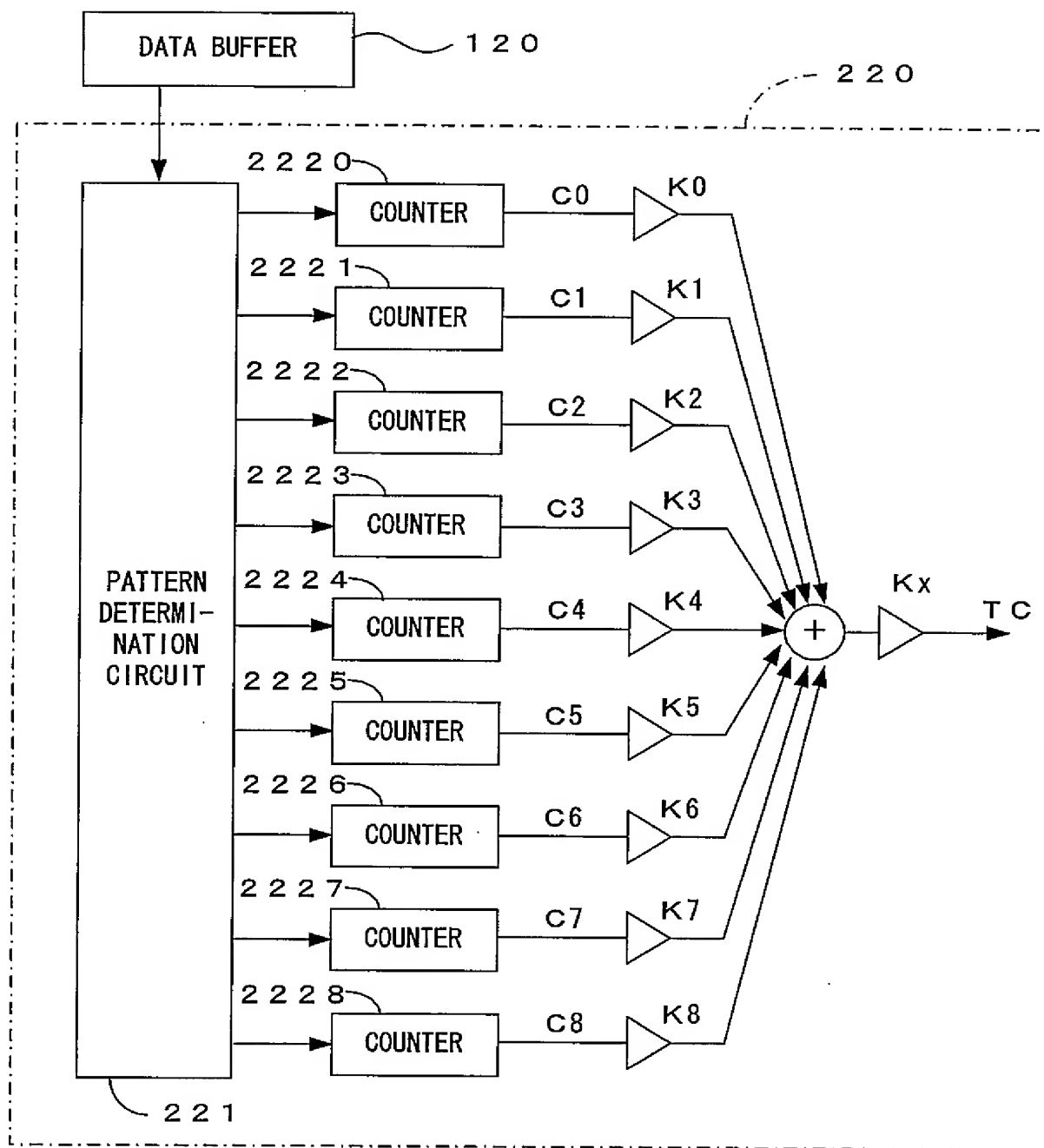
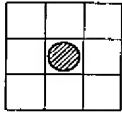
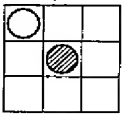
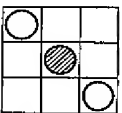
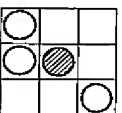
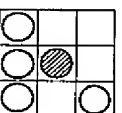
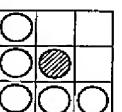
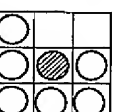
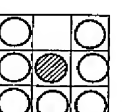
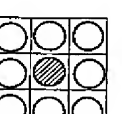


FIG. 7



F I G. 8

NUMBER OF ADJACENT DOT	EXAMPLE OF IMAGE PATTERN	COEFFICIENT	
		SYMBOL	NUMERIC VALUE
0		K0	0.9
1		K1	1.2
2		K2	1.3
3		K3	1.2
4		K4	1.1
5		K5	1.0
6		K6	0.95
7		K7	0.9
8		K8	0.9



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[illegible]

FIG. 10

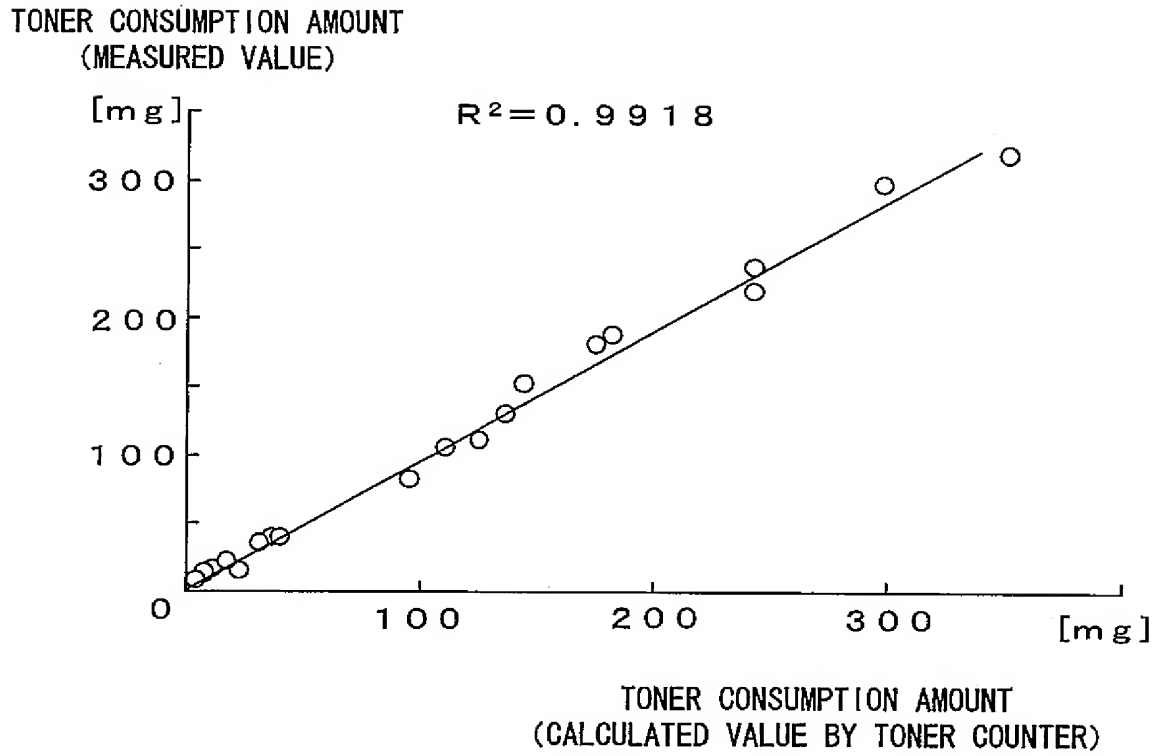


FIG. 11A

SCREEN A

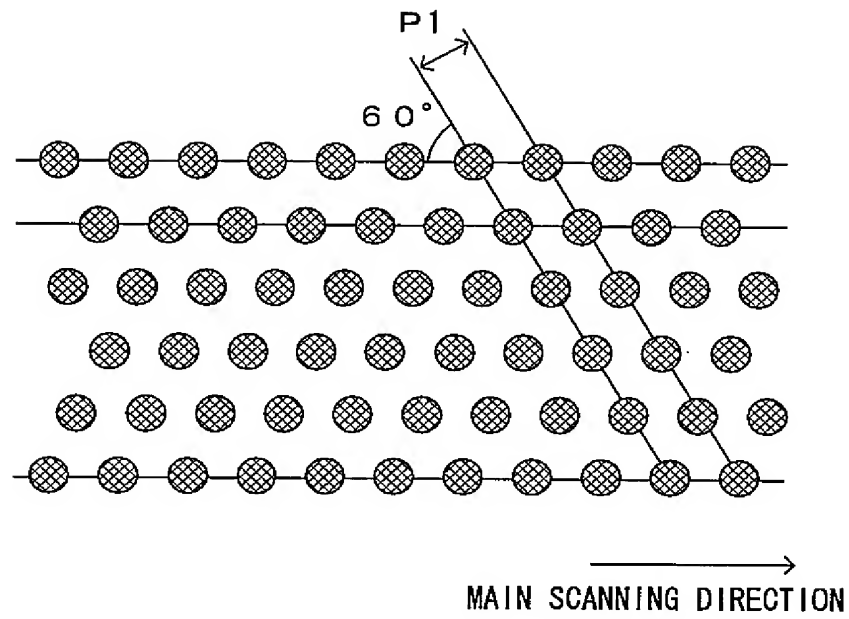
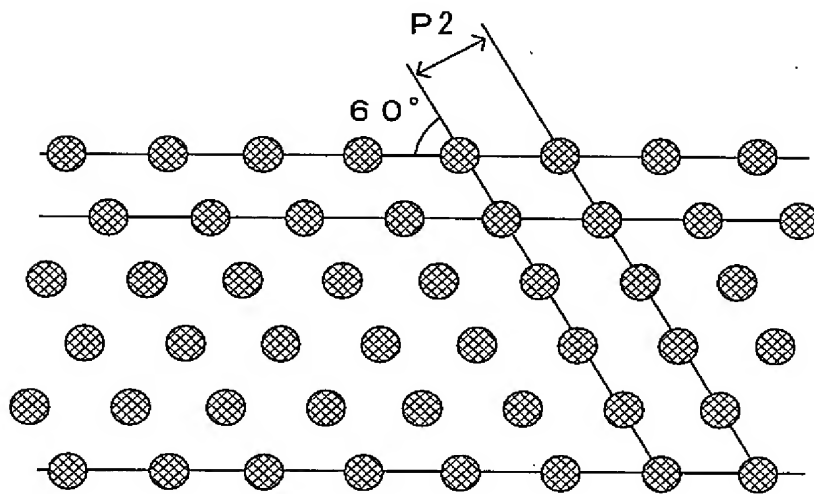


FIG. 11B

SCREEN B



F I G. 1 2

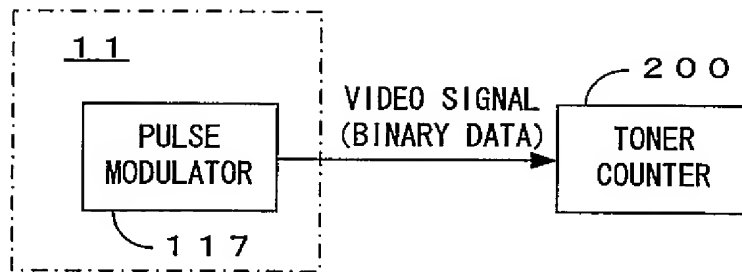


FIG. 13A SOLID IMAGE ( $X=0$ )

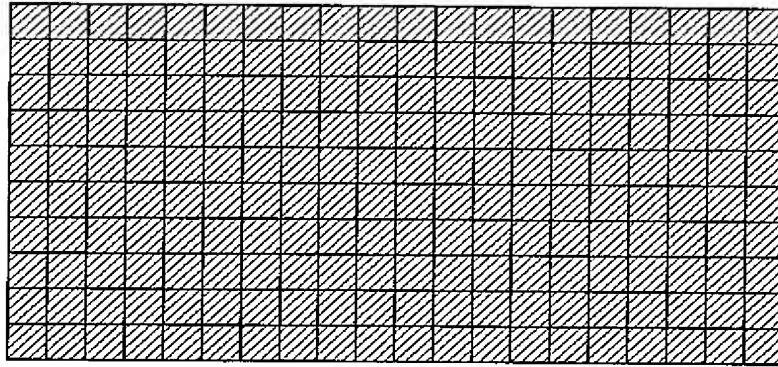


FIG. 13B 1 ON 1 OFF IMAGE ( $X=1$ )

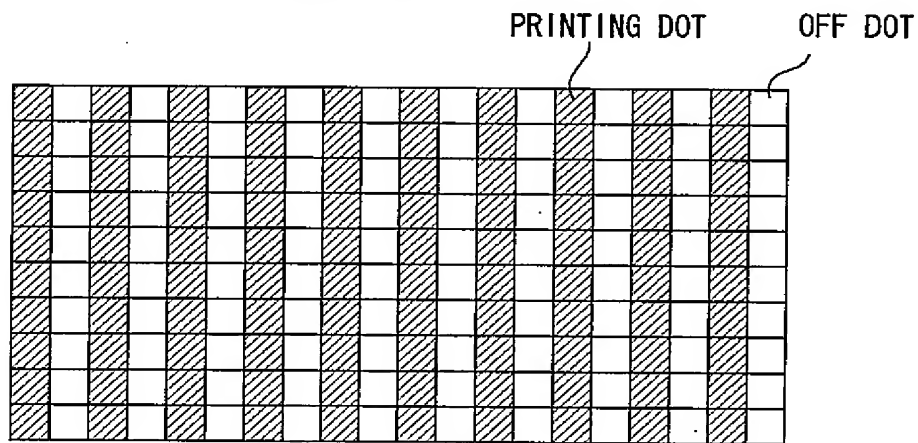


FIG. 13C 1 ON 2 OFF IMAGE ( $X=2$ )

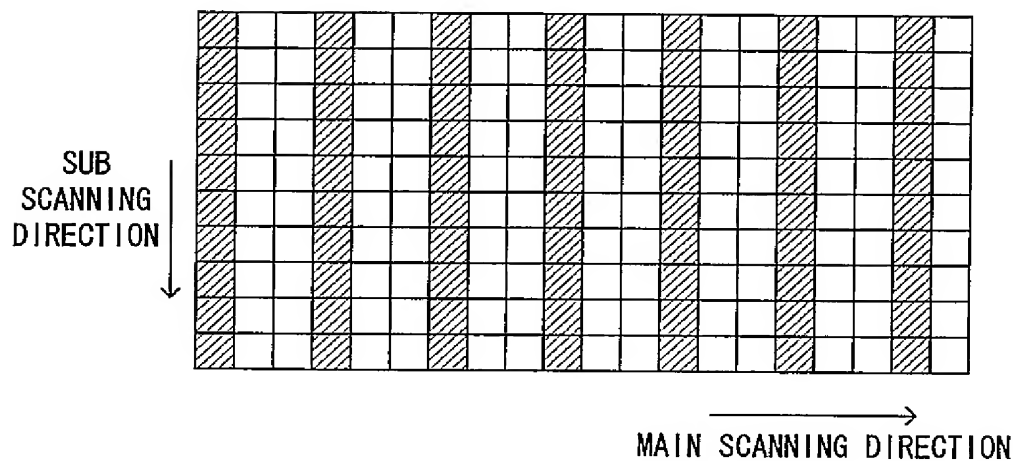


FIG. 14

TONER CONSUMPTION AMOUNT  
PER DOT

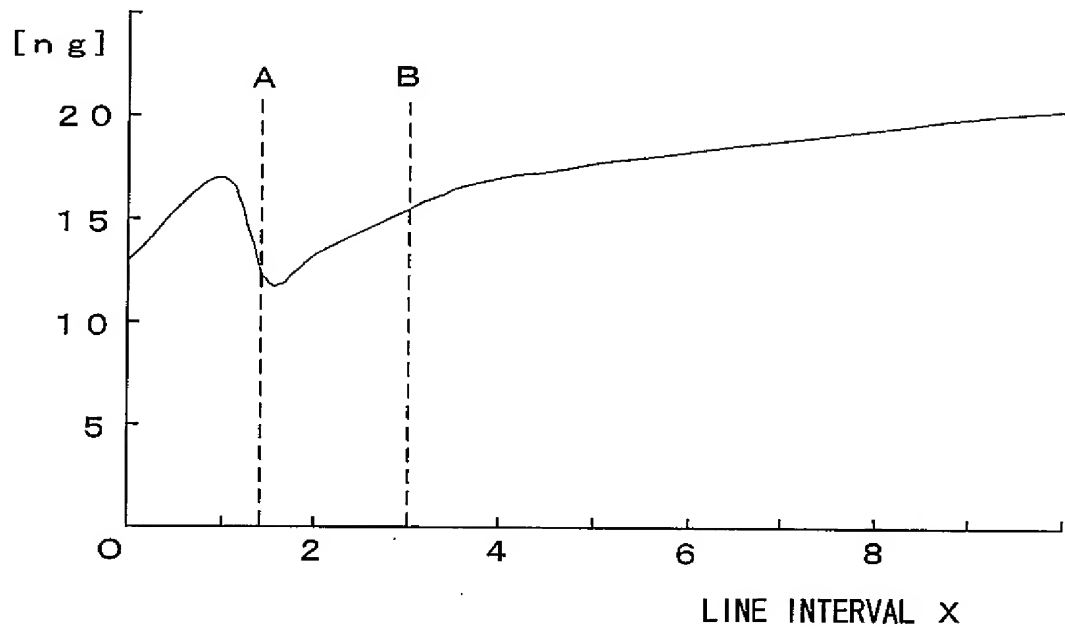


FIG. 15

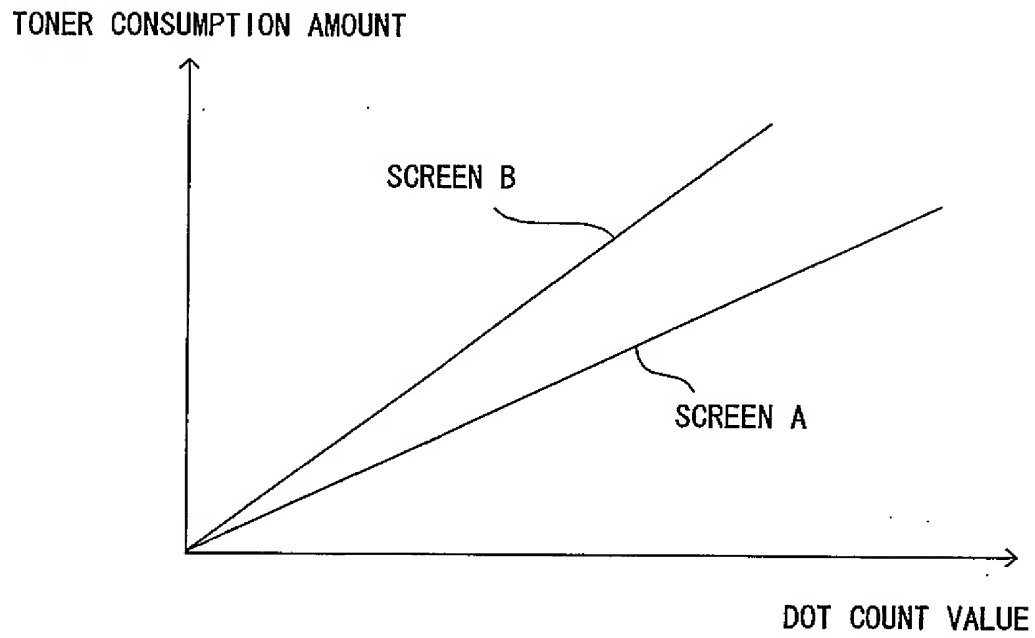


FIG. 16

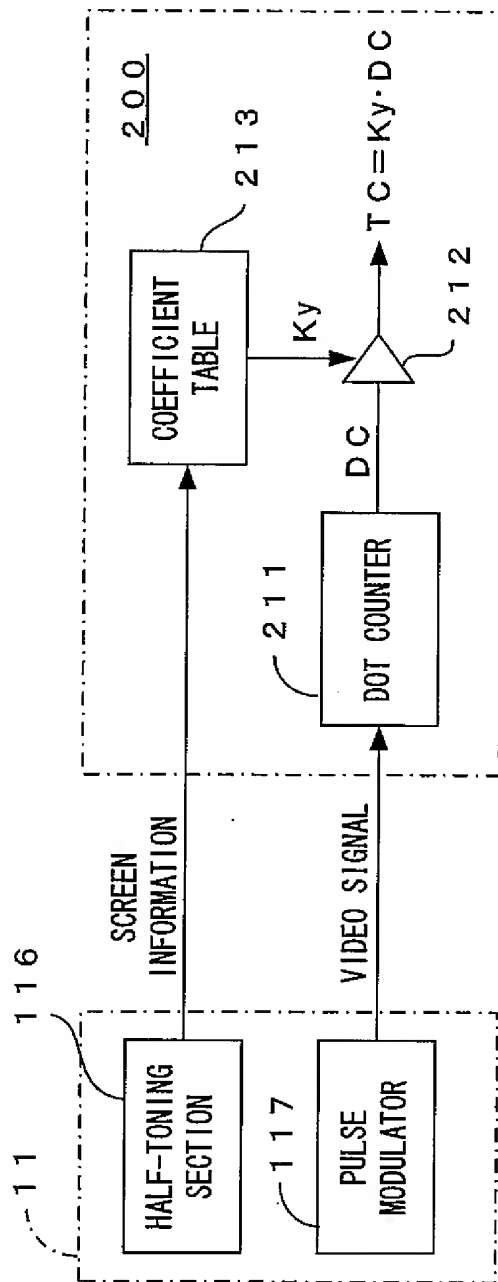




FIG. 17

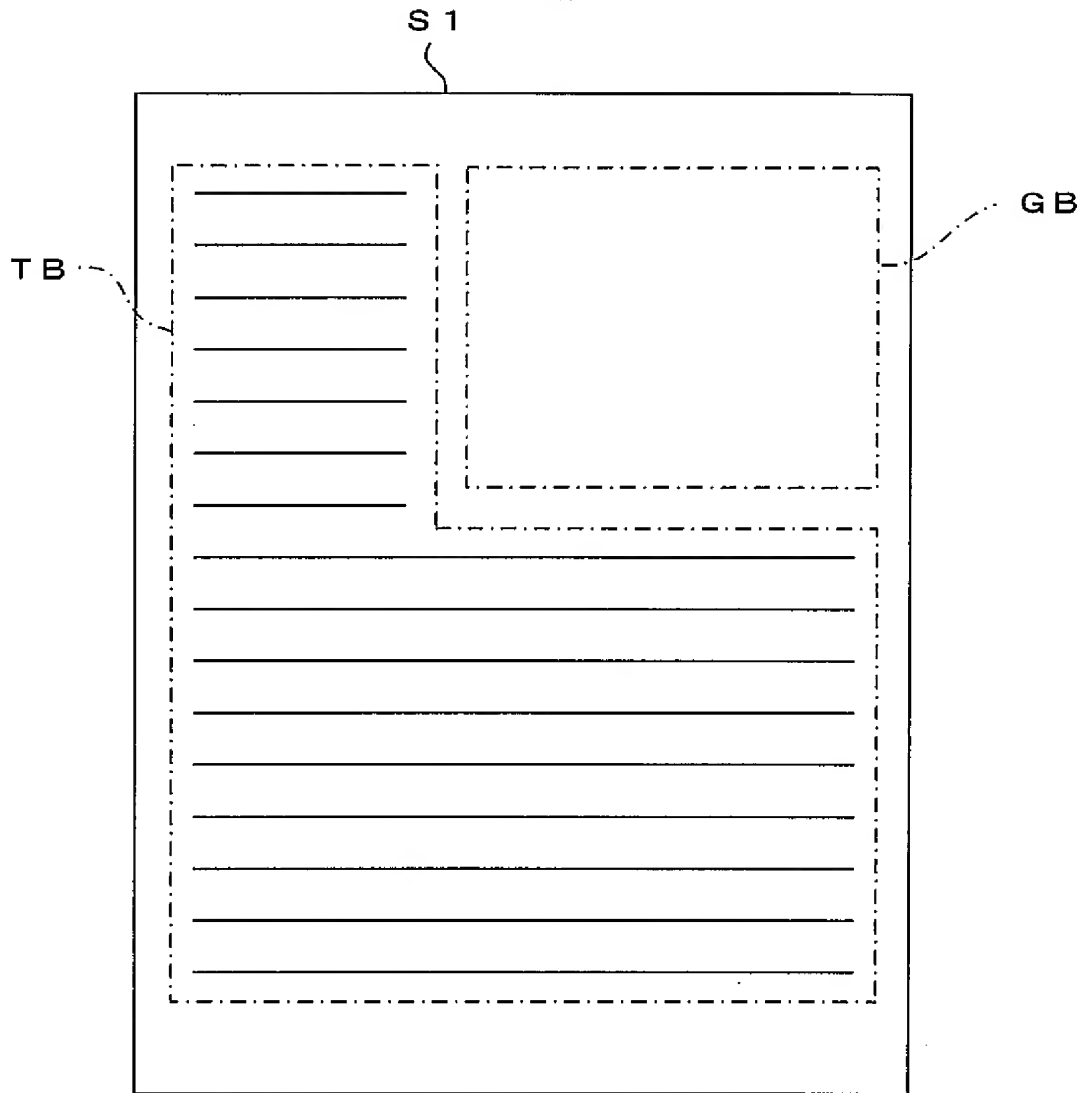


FIG. 18

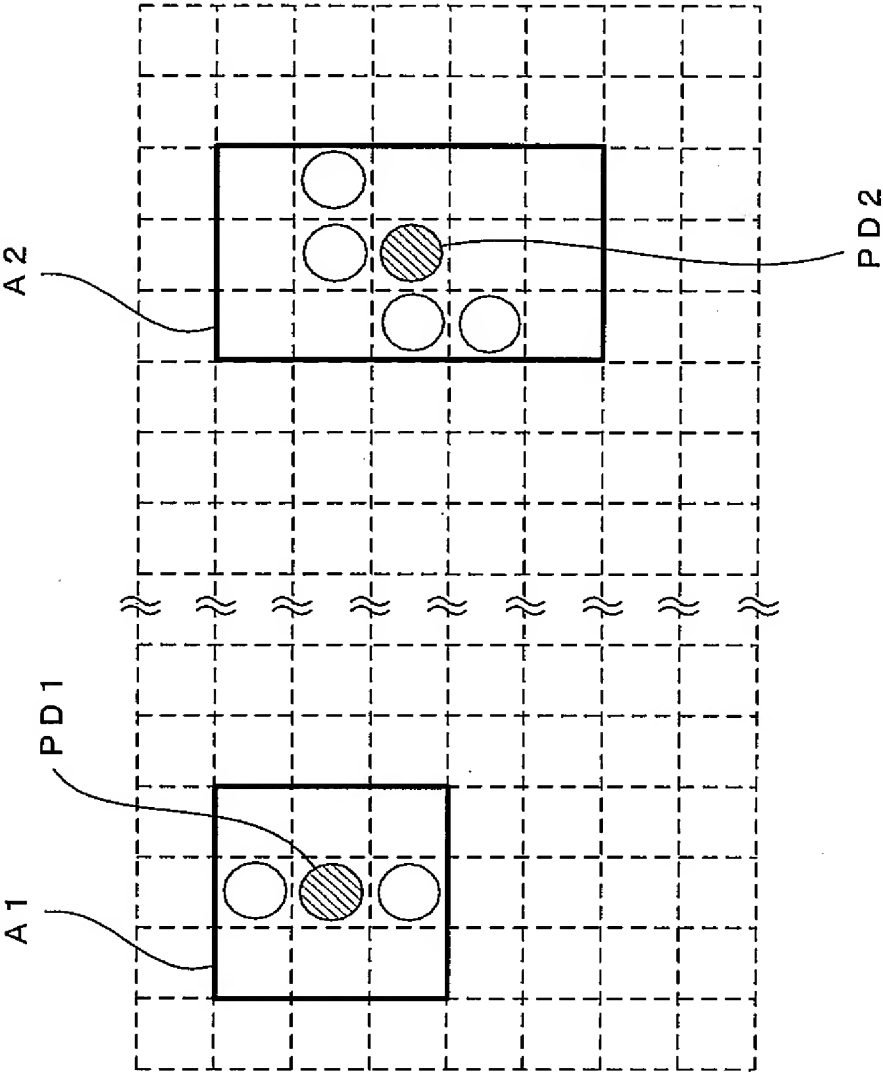


FIG. 19

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NUMBER OF ADJACENT DOT	TONER CONSUMPTION AMOUNT PER DOT
0	M100
1	M101
2	M102
3	M103
4	M104
5	M105
6	M106
7	M107
8	M108

F I G. 2 0

234

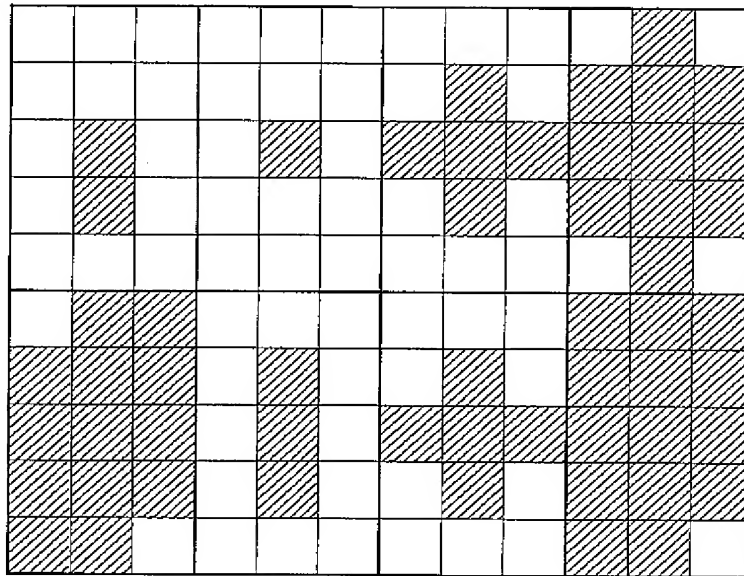
NUMBER OF ADJACENT DOT	TONER CONSUMPTION AMOUNT PER DOT
0	M200
1	M201
2	M202
3	M203
4	M204
5	M205
6	M206
7	M207
8	M208
9	M209
1 0	M210
1 1	M211
1 2	M212
1 3	M213
1 4	M214

FIG. 21

		SIZE OF MATRIX	TABLE
MONOCHROME		3 × 3	FIRST TABLE
COLOR	CYAN YELLOW	3 × 5	SECOND TABLE
	MAGENTA BLACK	3 × 3	FIRST TABLE

F I G. 2 2

SCREEN FOR CYAN AND YELLOW



SCREEN FOR MAGENTA AND BLACK

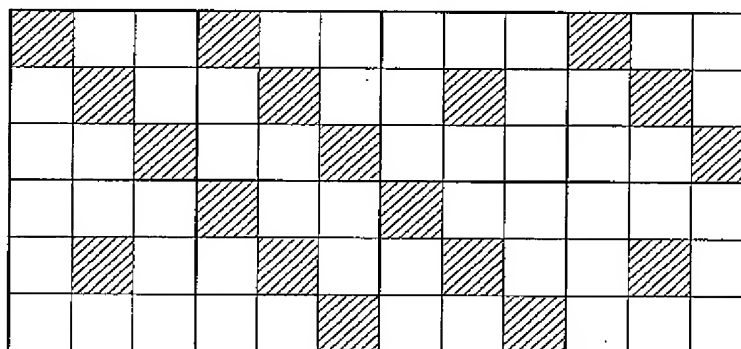


FIG. 23

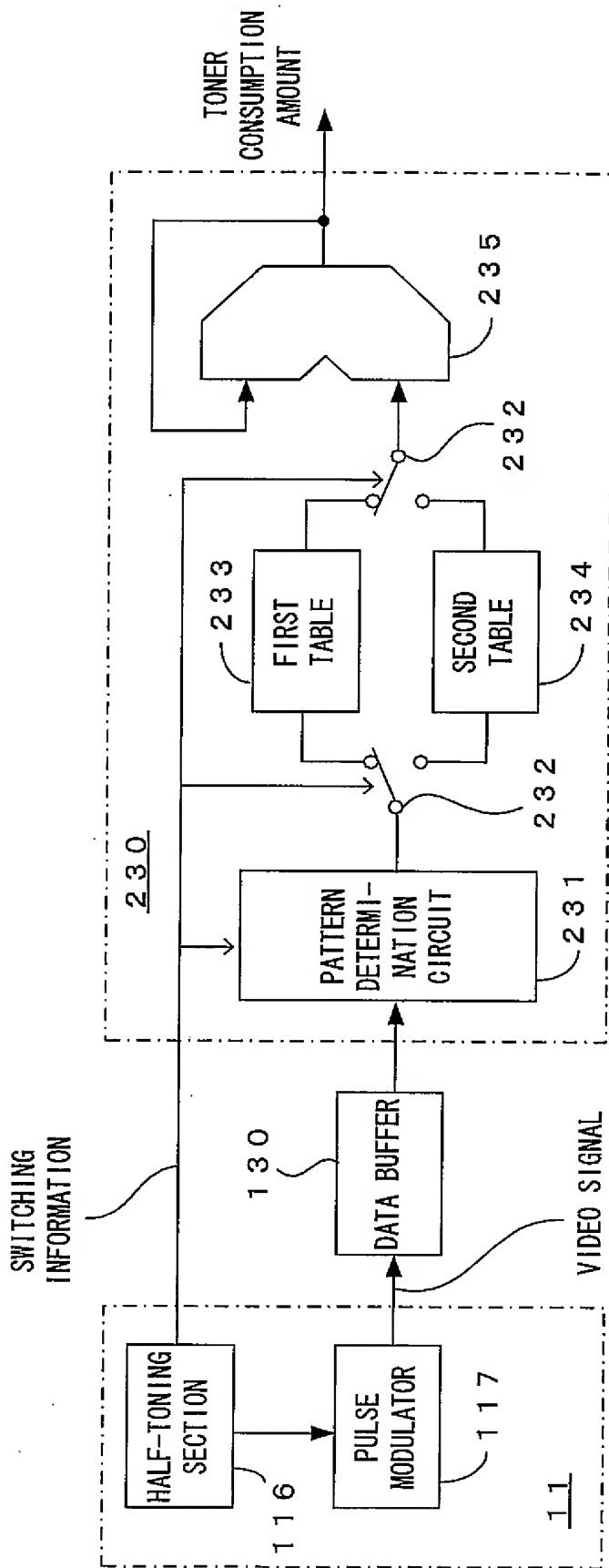
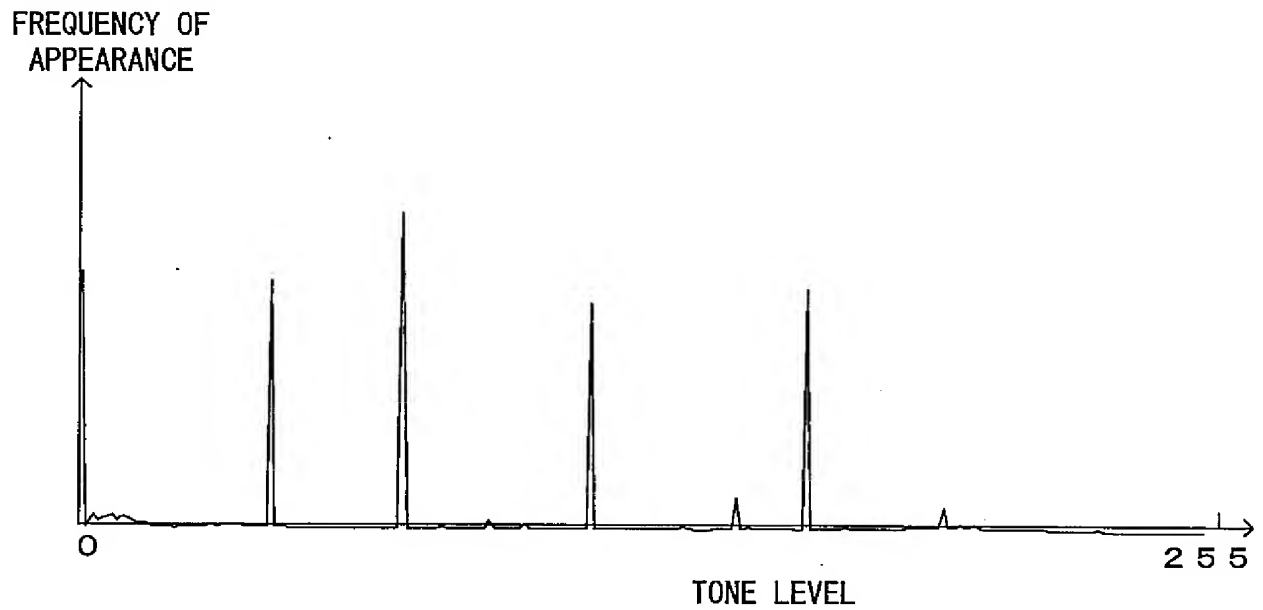
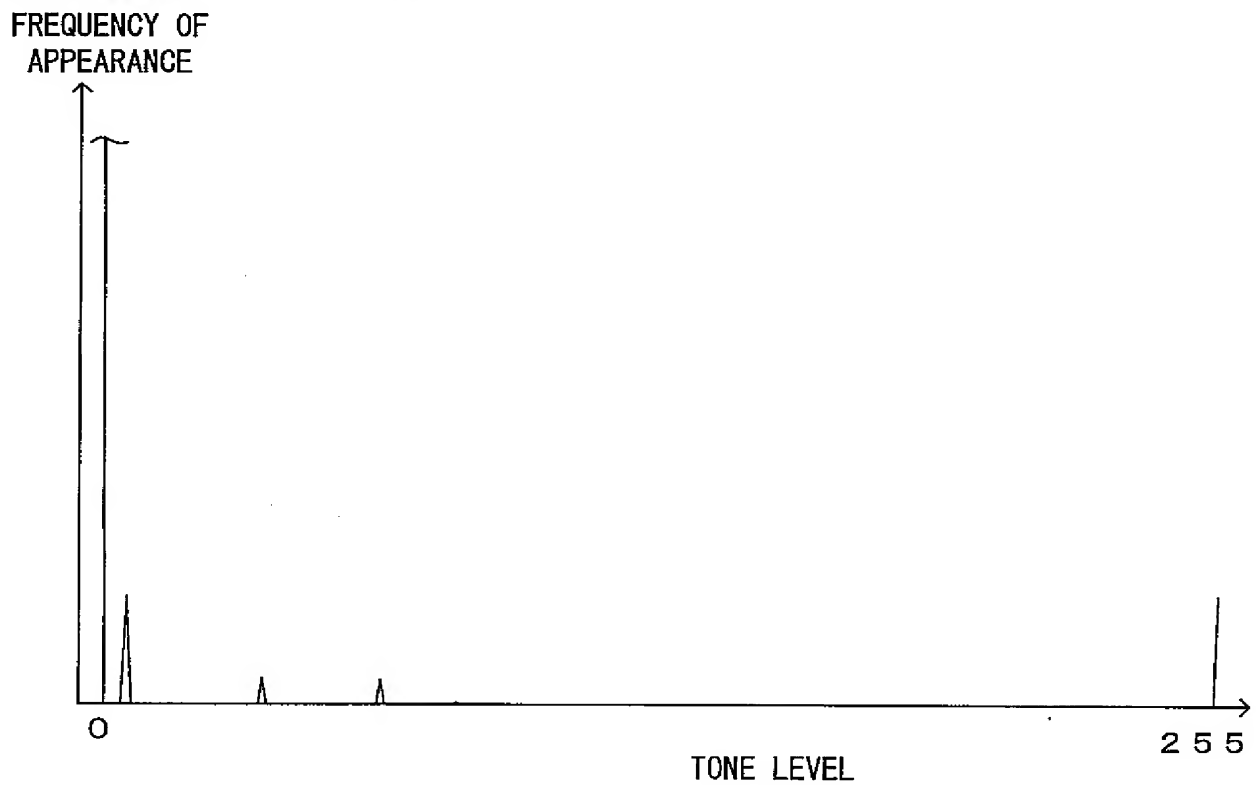


FIG. 24

IN A CASE OF HALFTONE IMAGE



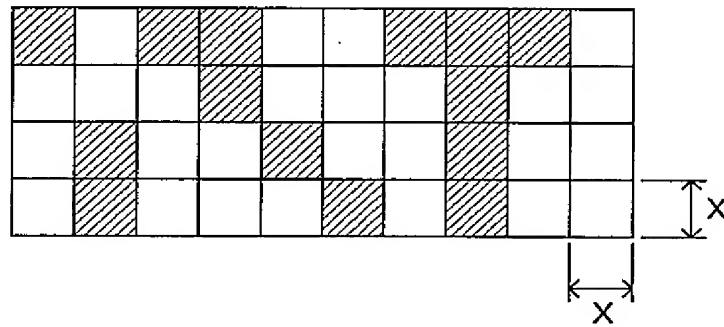
IN A CASE OF LINE-BASED IMAGE





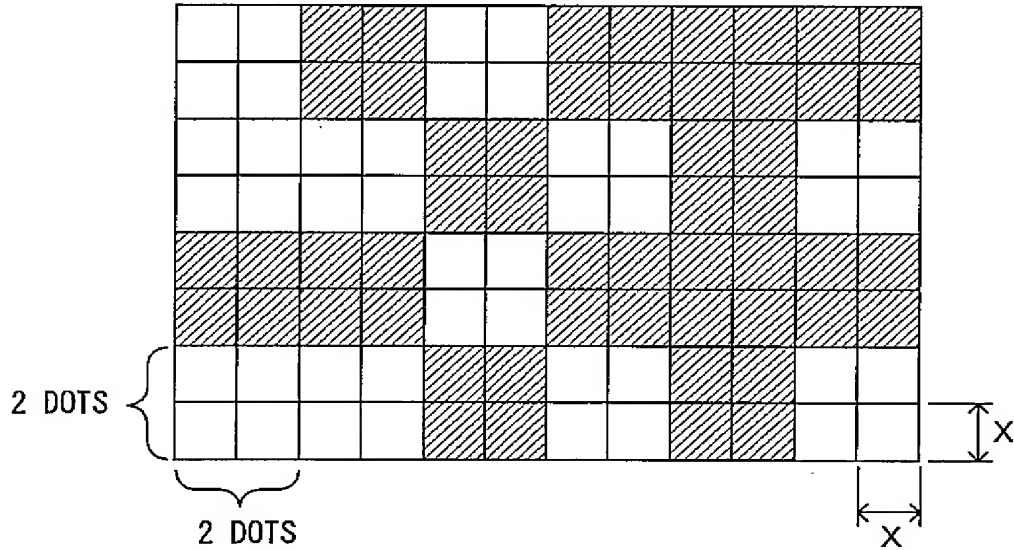
F I G. 25

RESOLUTION OF IMAGE : 600 d p i



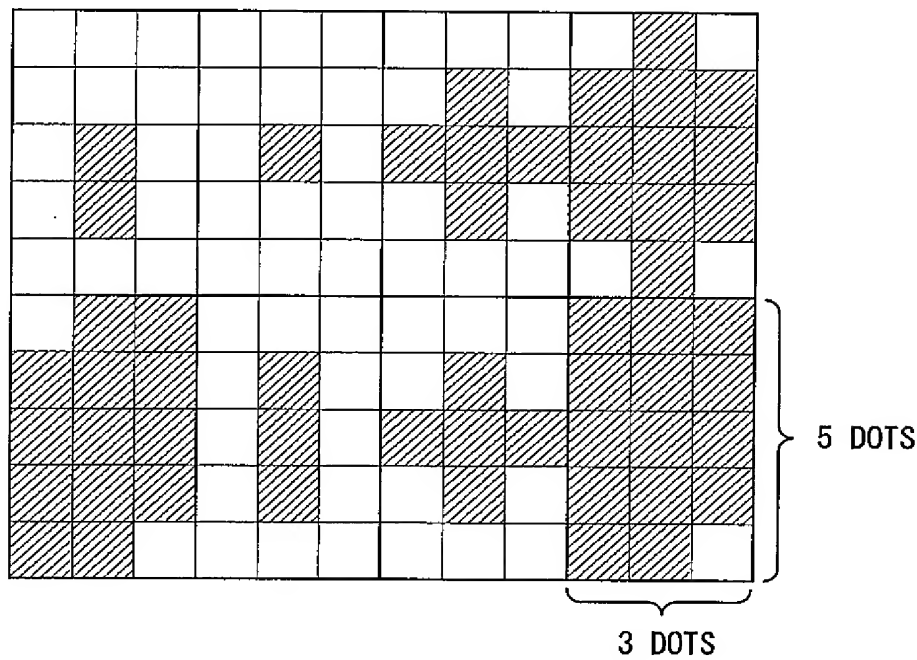
$$X = 1 / 600 \text{ [INCH]}$$

RESOLUTION OF IMAGE : 300 d p i



F I G. 2 6

DOT PATTERN OF CYAN COLOR



DOT PATTERN OF MAGENTA COLOR

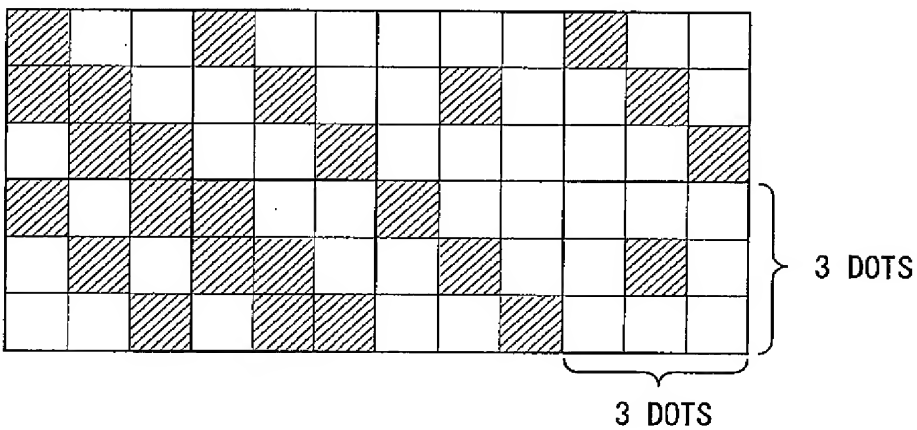
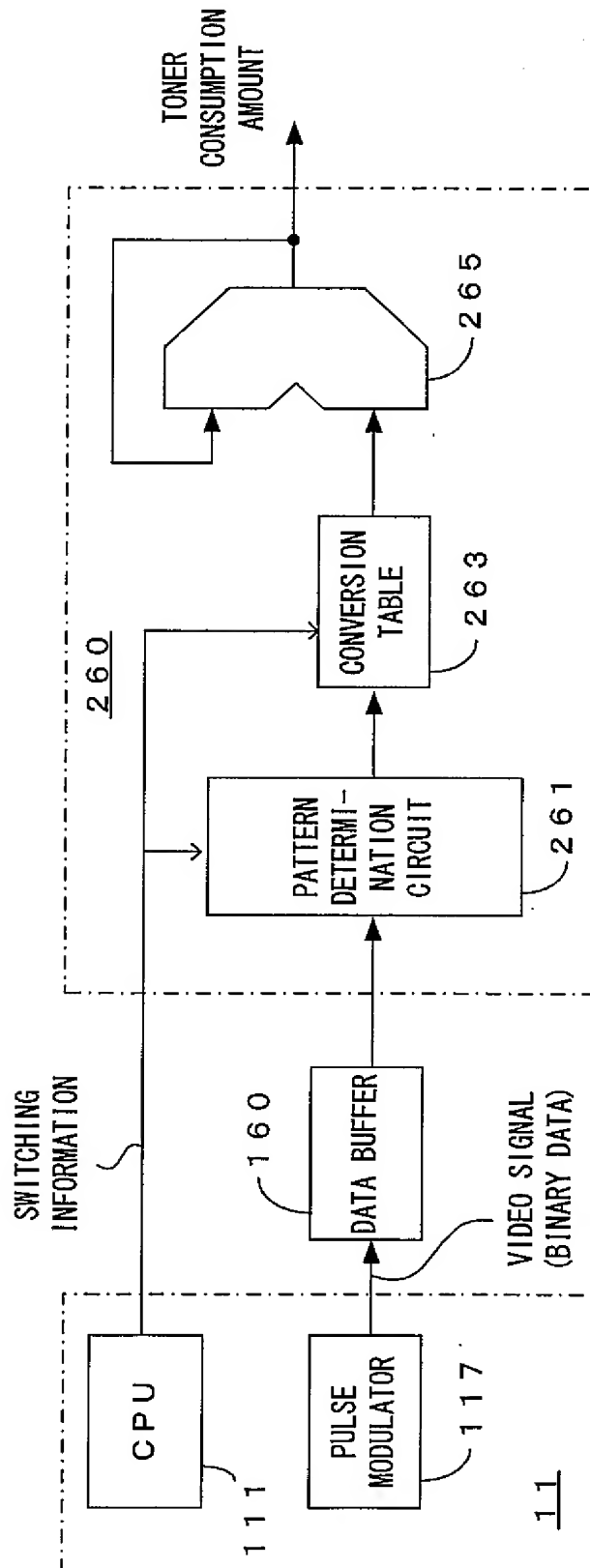
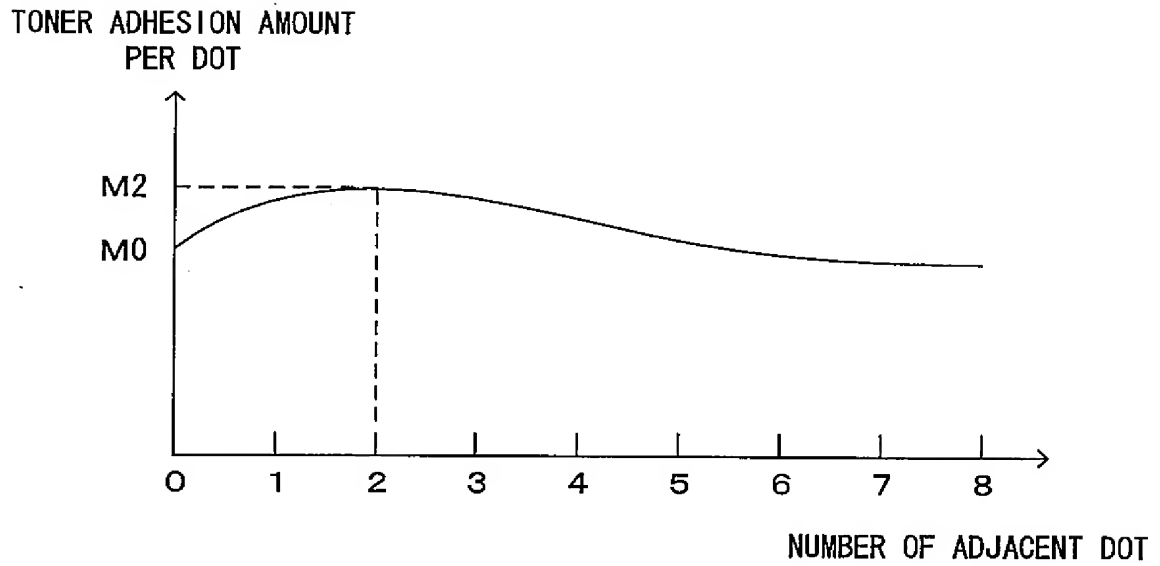


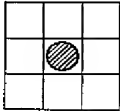
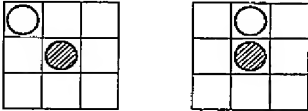
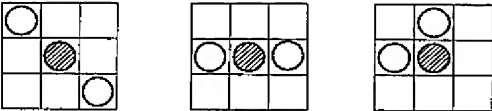
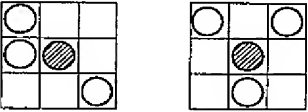
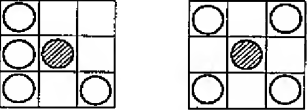
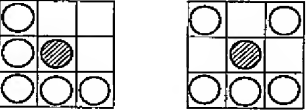
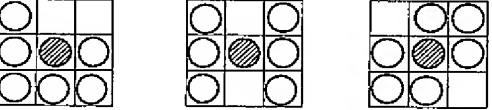
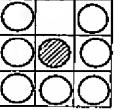
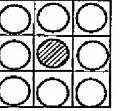
FIG. 27



F I G. 2 8



F I G. 29

NUMBER OF ADJACENT DOT	EXAMPLE OF DOT PATTERN	TONER CONSUMPTION AMOUNT
0		M0
1		M1
2		M2
3		M3
4		M4
5		M5
6		M6
7		M7
8		M8

F I G. 30

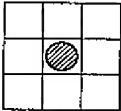
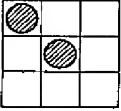
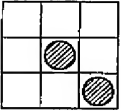
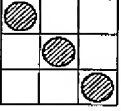
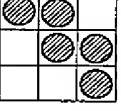
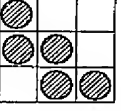
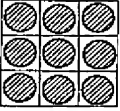
TONER COLOR	PATTERN NUMBER	DOT PATTERN	TONER CONSUMPTION AMOUNT
MAGENTA	0		Mm0
	1	 	Mm1
	2		Mm2
	3	 	Mm3
	⋮		⋮
	x		Mmx

FIG. 31

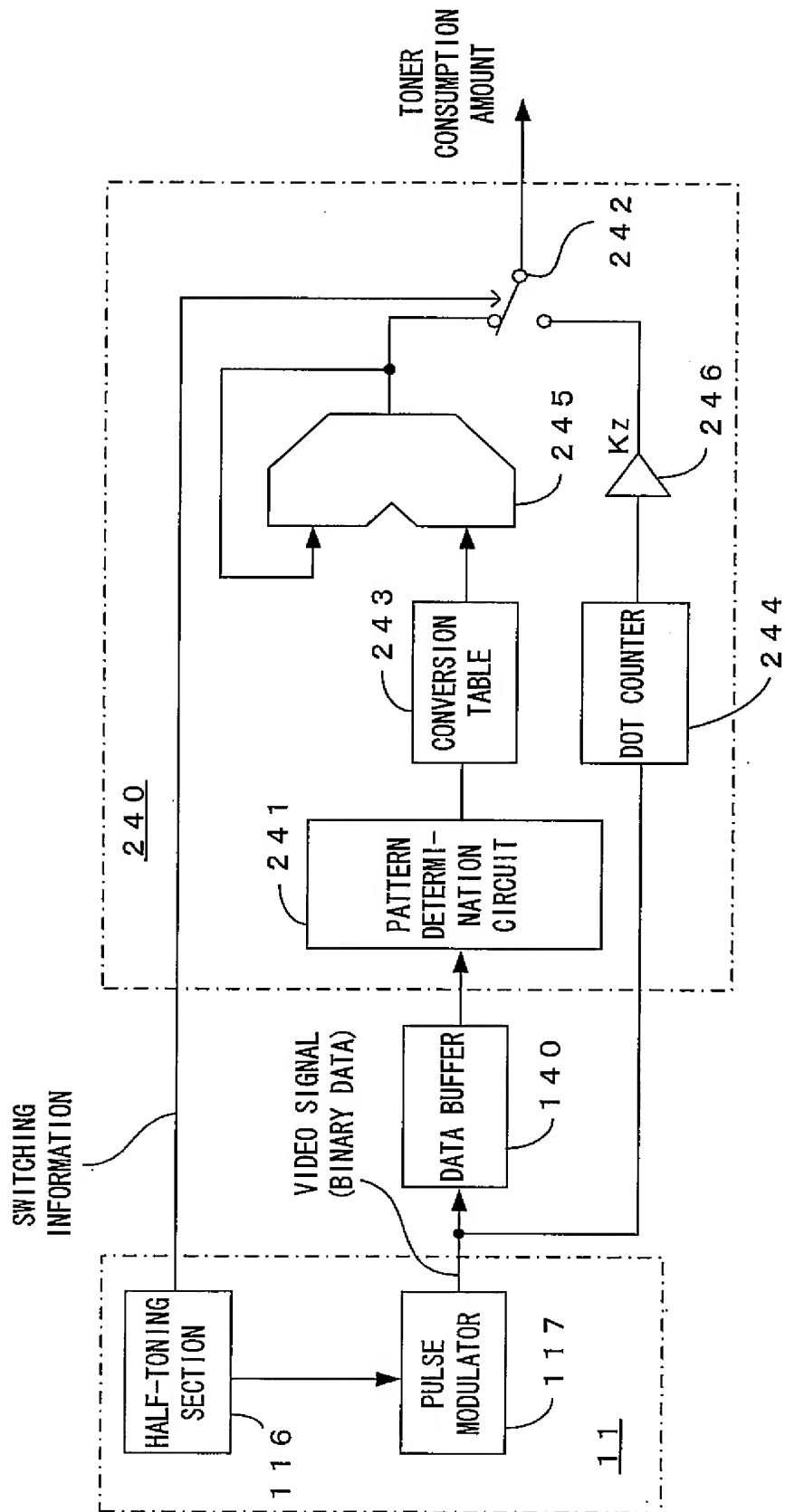


FIG. 32

